

DPM 3389

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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Products Research & Chemical Corporation		EMERGENCY TELEPHONE NO. (213) 849-3992
ADDRESS, Number, Street, City, State, and ZIP Code 2919 Empire Avenue, Burbank, California 91505		
CHEMICAL NAME AND SYNONYMS Pigmented isocyanate solution		TRADE NAME AND SYNONYMS PR-420
CHEMICAL FAMILY N/A	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Lead silico-chromate	12	0.5mg/M ³			
CATALYST Aromatic polyisocyanate	7	0.2mg/M ³			
VEHICLE			METALLIC COATINGS		
SOLVENTS Cyclohexanone	25	50ppm	FILLER METAL PLUS COATING OR CORE FLUX		
Trichloroethylene	40	100ppm	OTHERS		
OTHERS Chlorobenzene	7	75ppm			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	187°F	SPECIFIC GRAVITY (H ₂ O=1)	1.37
VAPOR PRESSURE (mm Hg.)	7.0	PERCENT VOLATILE BY VOLUME (%)	60-80
VAPOR DENSITY (AIR=1)	3.4	EVAPORATION RATE (Bu., Acet. =1)	4.46
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Brown liquid; chlorinated solvent odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	80°F (PMCC)	FLAMMABLE LIMITS	LeI 1.3	UeI 7.1
EXTINGUISHING MEDIA	Dry powder.			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				
Emission of toxic fumes.				

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	50 ppm in air
EFFECTS OF OVEREXPOSURE	Irritation to eyes and mucous membrane; headache; narcosis.
EMERGENCY AND FIRST AID PROCEDURES	
SKIN: Wash thoroughly with soap and water.	
EYES: Wash out thoroughly with water; call a physician.	
INGESTION: Induce vomiting. INHALATION: Remove to fresh air.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
Toxic vapors of isocyanate and chlorine.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Mop up with rags or paper towels.	
WASTE DISPOSAL METHOD	
Closed containers in trash. Do not incinerate.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION <i>Specify type:</i>		
Air-supplied respirator recommended when working in enclosed area.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
Adequate to minimize solvent vapor.		
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PROTECTIVE GLOVES		EYE PROTECTION
Gloves or protective hand cream.		
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Keep containers closed when not in use. Store in a cool, dry area.	
Keep away from heat, sparks and open flame.	
OTHER PRECAUTIONS	